

Message

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**From:** Nesci, Kimberly [Nesci.Kimberly@epa.gov]  
**Sent:** 9/13/2021 5:08:23 PM  
**To:** Anderson, Neil [Anderson.Neil@epa.gov]; Dawson, Jeffrey [Dawson.Jeff@epa.gov]  
**CC:** Nguyen, Thuy [Nguyen.Thuy@epa.gov]  
**Subject:** FW: Fluorination in packaging discussion  
**Attachments:** RE: Fluorination in packaging discussion; PFAS in Packaging Slides - PREP - 08 24 2021.pptx

Any thoughts on how to handle this for next week? Maybe Neil and Yan (for questions) and Jeff (for risk assessment/regulatory considerations)? There really hasn't been any regulatory work or decisions yet; that will have to come after the hazard is figured out. Attached are the prep slides for reference. The Maryland report and oily method won't be out, but, Jeff, maybe you'll be able to talk about the 9/20 strategy release.

Hope this is helpful.

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**From:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>  
**Sent:** Monday, September 13, 2021 12:02 PM  
**To:** Dawson, Jeffrey <Dawson.Jeff@epa.gov>  
**Cc:** Nesci, Kimberly <Nesci.Kimberly@epa.gov>  
**Subject:** RE: Fluorination in packaging discussion

Hi Jeff

Yaorong will be out that week too.

I spoke with Lonnie before, and I don't think they really want to know about the actual lab work. They are more interested in the steps EPA are taken as a result of what we found in the lab regarding fluorination. Here is what Lonnie sent in his invite

*This group are packaging engineers and users of industrial and consumer packaging. Many currently employ fluorination as a barrier technology to compound that contain non-polar solvents (and some other materials) that readily permeate PE packaging. Our goal is to get them up to speed on the nature of the problem identified with PFAS as a product of the process.*

*We are having presentations on some alternative technologies and a discussion of current practices.*

***We would like to invite you to update us on the current understanding of the issue by EPA (FDA is also involved, along with the EU) with respect to your current research.*** Our organization routinely interacts with our industry regulators to keep us informed of their programs. Usually, for us, this is US DOT/PHMSA for the hazardous materials regulations and OSHA for the GHS component of the chemical industry.

*We are a technology and safety focused committee.*

*Packaging procurement decisions and packaging technology will be seriously impacted by the status of your regulatory work. The better/earlier we understand this, the better for everyone.*

*I am the chair of the Packaging Commodities Subcommittee and have personally handled the environmental update for the committee for years. But this topic is so central to our mission that the executive committee took the decision to invite EPA directly into this meeting, just as we routinely do with our other regulators (DOT, OSHA, FDA).*

*We certainly appreciate your time and look forward to your information.*

*Our normal fall meeting spot has customarily been in Alexandria to make attendance as easy as possible for our government colleagues; but circumstances beyond our control forced to relocate our meeting to Herndon due to a hotel closure at the last minute.*

I am sorry for the late change.

Thuy

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**From:** Dawson, Jeffrey <Dawson.Jeff@epa.gov>  
**Sent:** Monday, September 13, 2021 11:54 AM

**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Cc:** Nesci, Kimberly <[Nesci.Kimberly@epa.gov](mailto:Nesci.Kimberly@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Thanks Thuy.... Who can cover for lab? I think that is what they really want to hear about.

Thx

Jeffrey L Dawson  
Science Advisor  
U.S. EPA, Office of Chemical Safety and Pollution Prevention  
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Washington, DC. 20004  
703-305-7329  
Email: [dawson.jeff@epa.gov](mailto:dawson.jeff@epa.gov)  
Deliveries: 1201 Constitution Ave NW, Washington, DC 20004

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**From:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Sent:** Monday, September 13, 2021 11:50 AM  
**To:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Cc:** Nesci, Kimberly <[Nesci.Kimberly@epa.gov](mailto:Nesci.Kimberly@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Hi Jeff

I am not sure if I will be able to be at that meeting. Something came up and I may be out of the office that entire week.  
I will let Lonnie know

Thuy

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**From:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Sent:** Tuesday, September 7, 2021 9:01 AM  
**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Subject:** FW: Fluorination in packaging discussion

Thuy

I saw your name on these emails with the IOPP. Are you going to do a presentation? If we both do one I was thinking you would talk about the lab and I would do the more general one like I have been doing.

Is Kimberly also involved in this?

Also, I noticed we could do these in person (its in Sterling VA I think). Have you thought about that?

Thx

Jeff

Jeffrey L Dawson  
Science Advisor  
U.S. EPA, Office of Chemical Safety and Pollution Prevention  
1200 Pennsylvania Ave NW (7101M)  
Washington, DC. 20004  
703-305-7329  
Email: [dawson.jeff@epa.gov](mailto:dawson.jeff@epa.gov)  
Deliveries: 1201 Constitution Ave NW, Washington, DC 20004

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**From:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>  
**Sent:** Tuesday, August 17, 2021 2:10 PM  
**To:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>; Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Thank you.

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**From:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Sent:** Tuesday, August 17, 2021 12:41 PM  
**To:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>; Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Hi Lonnie,

One issue comes to mind with the variant situation. I think we need to check to see if we are even allowed to do in-person meetings even with all the precautions.

Will get back to you as soon as possible.

Thx

Jeff Dawson

Jeffrey L Dawson  
Science Advisor  
U.S. EPA, Office of Chemical Safety and Pollution Prevention  
1200 Pennsylvania Ave NW (7101M)  
Washington, DC. 20004  
703-305-7329  
Email: [dawson.jeff@epa.gov](mailto:dawson.jeff@epa.gov)  
Deliveries: 1201 Constitution Ave NW, Washington, DC 20004

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**From:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>  
**Sent:** Tuesday, August 17, 2021 1:31 PM  
**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>; Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Hello,

Our committee has reached a good registration number for our fall meeting and we will be meeting in person as discussed below.

We have a spot on our agenda for an update from EPA on the current state of your PFAS research with respect to fluorination.

Our meeting is set as described below.

The meeting is as at:

IoPP HeadQuarters  
12930 Worldgate Dr., Suite 200  
Herndon, VA 20170

The time is: 1:30-3:00pm on Tuesday the 21<sup>st</sup> of September.

Does this work for you?

The meeting will be with masks and distancing.

Thank you,  
Lonnie Jaycox

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**From:** Lonnie Jaycox  
**Sent:** Thursday, July 8, 2021 11:53 AM  
**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Cc:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Greetings.

Well we had some complications to our meeting plans due to our conference hotel in Alexandria being closed to turn into condos.

I think this is an effect of the Amazon headquarters project. It is the second time we have been kicked out of a hotel for this reason in Alex.

We have managed to put together the meeting in a new space:

IoPP HeadQuarters  
12930 Worldgate Dr., Suite 200  
Herndon, VA 20170

Yes, our organizational mothership stepped in to the rescue.

I have an agenda slot for an EPA presentation/Q&A on Tuesday, September 21, 2021 from 1:30pm-3:00pm set aside for this topic.

Jeff, is this location and time suitable for you?

Thank you both for your time and patience while we sorted this out.

Lonnie Jaycox  
Jaycox Consulting, LLC  
4027 Magnolia Avenue  
Saint Louis, MO 63110  
Office: 314-696-0211  
Cell: 314-297-9281  
Email: [lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)

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**From:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>  
**Sent:** Monday, June 07, 2021 2:53 PM  
**To:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>  
**Cc:** Dawson, Jeffrey <[Dawson.Jeff@epa.gov](mailto:Dawson.Jeff@epa.gov)>  
**Subject:** RE: Fluorination in packaging discussion

Hi Lonnie

How are you doing?

It was great chatting with you regarding the different fluorination processes and levels. It really helps me understand more on how PFAS could be formed through fluorination.

I would like to introduce to you Jeff Dawson, Science Advisor for the U.S. EPA, Office of Chemical Safety and Pollution Prevention. Jeff will be in a better position to talk to you about policies and non-analytical science regarding PFAS on HDPE containers.

Regards

Thuy

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**From:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>

**Sent:** Wednesday, May 26, 2021 8:42 PM

**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>

**Subject:** RE: Fluorination in packaging discussion

Thank you for responding.

I would be glad to speak with you at 11:00 am eastern.

I am in the central time zone.

Should I call you at the number below; or should I send a meeting invitation on something like Teams?

You could also call me at either number listed below.

Again, thank you for taking your time for us.

Lonnie Jaycox

Jaycox Consulting, LLC

4027 Magnolia Avenue

Saint Louis, MO 63110

Office: 314-696-0211

Cell: 314-297-9281

Email: [lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)

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**From:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>

**Sent:** Wednesday, May 26, 2021 3:32 PM

**To:** Lonnie Jaycox <[lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)>

**Subject:** FW: Fluorination in packaging discussion

Good afternoon

My name is Thuy and I am the BC at the Analytical Chemistry Branch lab of OPP. Our lab did the testing of the fluorinated HDPE containers

Is it possible for us to chat so I can understand what you want us to present at your meeting ? I am available tomorrow Thursday May 27 from 11 -noon and 1-2PM ET. I will be then be on leave and won't return to the office until June 7<sup>th</sup>. As of today I am available all day Monday June 7<sup>th</sup> and Thursday June 10<sup>th</sup> 9:00AM-1PM

Please let me know

Thanks

Thuy

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Thuy L. Nguyen, Branch Chief

Analytical Chemistry Branch

USEPA/OPP/Biological and Economic Analysis Division (7503P)

Environmental Science Center

701 Mapes Road

Ft Meade, Maryland 20755-5350

Phone: 410-305-2905

Fax: 410-305-3091

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**From:** Messina, Edward <[Messina.Edward@epa.gov](mailto:Messina.Edward@epa.gov)>

**Sent:** Tuesday, May 25, 2021 1:21 PM

**To:** Nguyen, Thuy <[Nguyen.Thuy@epa.gov](mailto:Nguyen.Thuy@epa.gov)>

**Cc:** Goodis, Michael <[Goodis.Michael@epa.gov](mailto:Goodis.Michael@epa.gov)>; Dinkins, Darlene <[Dinkins.Darlene@epa.gov](mailto:Dinkins.Darlene@epa.gov)>; Nesci, Kimberly

<Nesci.Kimberly@epa.gov>; Dawson, Jeffrey <Dawson.Jeff@epa.gov>

**Subject:** RE: Fluorination in packaging discussion

Thanks. Feel free to reach out directly on my behalf.

Ed

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Ed Messina, Esq.  
Acting Office Director  
Office of Pesticide Programs  
Office of Chemical Safety & Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
p: (703) 347-0209

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**From:** Nguyen, Thuy <Nguyen.Thuy@epa.gov>

**Sent:** Tuesday, May 25, 2021 1:19 PM

**To:** Messina, Edward <Messina.Edward@epa.gov>

**Cc:** Goodis, Michael <Goodis.Michael@epa.gov>; Dinkins, Darlene <Dinkins.Darlene@epa.gov>; Nesci, Kimberly <Nesci.Kimberly@epa.gov>; Dawson, Jeffrey <Dawson.Jeff@epa.gov>

**Subject:** Re: Fluorination in packaging discussion

ACB / I will do it

Thanks

Thuy

On May 25, 2021, at 1:11 PM, Messina, Edward <Messina.Edward@epa.gov> wrote:

Who would like to do?

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Ed Messina, Esq.  
Acting Office Director  
Office of Pesticide Programs  
Office of Chemical Safety & Pollution Prevention  
U.S. Environmental Protection Agency  
Washington, D.C.  
p: (703) 347-0209

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**From:** Lonnie Jaycox <lonnie@jaycoxconsulting.com>

**Sent:** Tuesday, May 25, 2021 10:50 AM

**To:** Messina, Edward <Messina.Edward@epa.gov>

**Subject:** Fluorination in packaging discussion

Mr. Messina,

My name is Lonnie Jaycox and I am on the executive committee of the IoPP Chemical Packaging Committee.

This is an industry organization that meets in the Washington DC area (Alexandria) every fall to discuss issues of importance to the chemical packaging community.

This is a technical committee of IoPP and is not a lobbying organization. We exist solely to enhance the technical capabilities of packaging engineers in the chemical industry in technical and regulatory aspects of our jobs.

Website here:

<https://www.iopp.org/i4a/pages/index.cfm?pageid=3032>

During the pandemic we were incapable of meeting in person.

However, our fall meeting is on for September 20-22 at the Holiday Inn Hotel and Suites, Old Town Alexandria.

I am the committee chair that is tasked with bringing in SMEs to address pertinent topics.

The committee would like to have a speaker who could address the current understanding of the situation regarding PFAS content in packaging and the use of fluorination treatment as a barrier to non-polar solvents in industrial packagings.

Is there a speaker from US EPA who could provide an update to our committee during our meeting?

Thank you for your time,

Lonnie Jaycox  
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Email: [lonnie@jaycoxconsulting.com](mailto:lonnie@jaycoxconsulting.com)